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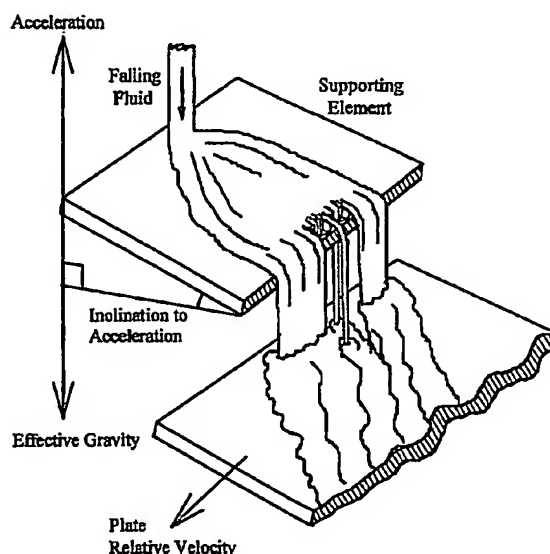
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(54) Title: CENTRIFUGAL REACTOR WITH RESIDENCE TIME CONTROL



(57) Abstract: A method and apparatus for chemical processing. The apparatus comprises an axis about which a plurality of supporting elements are rotated to provide an enhanced gravitational field. Each supporting element is inclined to the axis and each other such that one or more flowable and reactive components can pass from one supporting element to the next in a closely controlled chemical reaction sequence. The one or more supporting elements comprise means, such as holes or notches, for disrupting the flow of the reactive components to either promote mixing or enable free gas or vapour passage.

WO 2004/050232 A1